



RECEIVED

APR 14 2003

TECH CENTER 1600/2000

Approved by the Office of Management and Budget, OMB No. 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 930.00)

Complete if Known

Application Number	09/857581
Filing Date	June 05, 2001
First Named Inventor	GARY M. FADER ET AL.
Examiner Name	D. J. STEADMAN
Art Unit	1636
Attorney Docket No.	BB1339 US PCT

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number
Deposit Account Name

04-1928

E. I. du Pont de Nemours and Company

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 0.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =	X 18.00 =	
Independent Claims	- 3** =	X 84.00 =	
Multiple Dependent	YES	280.00 =	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0.00)

***or number previously paid, if greater; For Reissues, see above*

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$ 930.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	LORI Y BEARDELL	Registration No. (Attorney/Agent)	34,293	Telephone	(302) 992-4926
Signature	<i>Lori Y. Beadell</i>			Date	<i>April 11, 2003</i>

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

on April 1, 2003
Date

RECEIVED

APR 14 2003

TECH CENTER 1600/2900


Signature

LISA Z. TURNER

Type or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

09/857,581
BB1339
AMENDMENT AND RESPONSE TO OFFICE ACTION
APPENDIX A - 9 PAGES
APPENDIX B - 1 PAGE
PETITION FOR EXTENSION OF TIME
FEE SHEET
POSTCARD

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

G. FADER ET AL.

CASE NO.: BB-1339

APPLICATION NO.: 09/857,581

GROUP ART UNIT: 1652

FILED: JUNE 5, 2001

EXAMINER: D. J. STEADMAN

FOR: NUCLEIC ACID SEQUENCES ENCODING
ISOFLAVONE SYNTHASE

RECEIVED

APR 14 2003

Assistant Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

Sir:

In response to the Office Action of December 04, 2002 ("Office Action"), please amend the above-referenced application as follows and consider the following remarks.

The Office Action set forth a one month shortened statutory period of response. As the instant response is due April 04, 2003, with a three (3) month extension of time. Please charge any fees or credit any overpayment of fees which are required in connection herewith to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Please enter the following:

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 11, line 11:

a1
SEQ ID NO:30 is the deduced amino acid sequence of an entire mung bean isoflavone synthase derived from SEQ ID NO:29.

IN THE CLAIMS:

Please cancel Claims 2, 20-25, 27, 34-43, and 46-50.